

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known			
				Application Number		10812,016	
				Filing Date		Herewith	
				First Named Inventor		Charlie Chang-WON KIM	
				Group Art Unit		3748	
				Examiner Name		T. Trieu	
Sheet	1	of	4	Attorney Docket Number		1110-316	

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
DM	1 ✓	1,852,881		Minter	03/27/1934
	2 ✓	2,885,029		Nettel	02/12/1952
	3 ✓	3,396,533		Fischer	08/13/1968
	4 ✓	3,676,999		Oldfield	07/18/1972
	5 ✓	3,925,989		Pustelnik	12/16/1975
	6 ✓	3,961,199		Bronicki	06/01/1976
	7 ✓	4,005,578		McInemey	02/01/1977
	8 ✓	4,075,990		Ribeton	02/28/1978
	9 ✓	4,142,493		Schira et al.	03/06/1979
	10 ✓	4,164,032		Nohira et al.	08/07/1979
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	12 ✓	4,215,550		Dinger et al.	08/05/1980
	13 ✓	4,228,655		Herschmann et al.	10/21/1980
	14 ✓	4,350,129		Nakajima et al.	09/21/1982
	15 ✓	4,385,598		Nakajima et al.	05/31/1983
	16 ✓	4,388,802		Dinger et al.	06/21/1983
	17 ✓	4,393,853		Groves	07/19/1983
	18 ✓	4,426,848		Stachowicz	01/24/1984
	19 ✓	4,428,192		Dinger et al.	01/31/1984
	20 ✓	4,440,140		Kawagoe et al.	04/03/1984
	21 ✓	4,446,840		Nakagawa et al.	05/08/1984
	22 ✓	4,450,824		Ando et al.	05/29/1984
↓	23 ✓	4,452,217		Kawamura et al.	06/05/1984

Examiner Signature	<i>MOMANYM</i>	Date Considered	3-3-05
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²Applicant is to place a check mark here if English language Translation is attached.

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		Number	Kind Code ² (if known)		
ben	24 ✓	4,453,381		Dinger	06/12/1984
	25 ✓	4,502,283		Wandel	03/05/1985
	26 ✓	4,594,993		Engel et al.	06/17/1986
	27 ✓	4,596,225		Oonaka et al.	06/24/1986
	28 ✓	4,625,702		Onishi	12/02/1986
	29 ✓	4,738,110		Tateno	04/19/1988
	30 ✓	4,848,086		Inoue et al.	07/18/1989
	31 ✓	4,996,966		Hitomi et al.	03/05/1991
	32 ✓	5,090,204		Bonitz et al.	02/25/1992
	33 ✓	5,203,830		Faletti et al.	04/20/1993
	34 ✓	5,230,320		Hitomi et al.	07/27/1993
	35 ✓	5,363,091		Kotwicki et al.	11/08/1994
	36 ✓	5,408,979		Backlund et al.	04/25/1995
	37 ✓	5,440,880		Ceynow et al.	08/15/1995
	38 ✓	5,601,068		Nozaki	02/11/1997
	39 ✓	5,603,292		Hakansson	02/18/1997
	40 ✓	5,625,750		Puskorius et al.	04/29/1997
	41 ✓	5,703,777		Buchhop et al.	12/30/1997
	42 ✓	5,758,309		Satoh	05/26/1998
	43 ✓	5,771,867		Amstutz et al.	06/30/1998
	44 ✓	5,806,476		Hakansson	09/15/1998
	45 ✓	5,890,359		Enander	04/06/1999
↓	46 ✓	5,921,223		Fukuma	07/13/1999

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*For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁴Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁵Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
BM	47	5,924,280		Tarabulski	07/20/1999
	48	6,009,862		Wanat et al.	01/04/2000
	49	6,012,424		Meistrick	01/11/2000
	50	6,029,452		Halimi et al.	02/29/2000
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		Office ³ Code	Number ⁴	Kind ⁵ (if known)			
BM	62	EP	0 105 828	A2	AMBAC INDUSTRIES, INC.	04/18/1984	
BM	63	EP	0 750 103	A2	TOYOTA JIDOSHA KABUSHIKI KAISHA	12/27/1996	
BM	64	GB	2 340 258	A	FORD GLOBAL TECHNOLOGIES, INC.	02/16/2000	
BM	65	EP	899437	A2	NAGAE, MASAHIRO	03/1999	
BM	66	JP	11324777	A	YOSHITOME et al.	11/1999	
Examiner Signature	Mohanty				Date Considered	3-3-05	

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				Examiner Name			
Sheet	4	of	4	Attorney Docket Number	1110-316		
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					
	67	ACEVES, S.M., et al., "HCCI Combustion: Analysis and Experiments", SAE Technical Paper Series, Government/Industry Meeting, Washington, D.C., May 14-16, 2001, 2001-01-2077, 9 pages.					
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